

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for performing single frame backwards playback in a digital versatile disc (DVD) system, the method comprising:
  - (a) receiving a single signal indicating selection of a single frame reverse function;
  - (b) reconstructing frame data for a preceding frame of an original playback to generate reconstructed frame data;
  - (c) utilizing memory sufficient to support the said reconstructing step; and
  - (d) displaying the reconstructed frame data of the preceding frame.
2. (original) The method of Claim 1 further comprising (e) determining whether another selection of the single frame reverse function has occurred.
3. (currently amended) The method of Claim 2 further comprising repeating steps said (b), (c), and (d) for a next preceding frame when another selection has occurred.
4. (currently amended) The method of Claim 1 wherein ~~the utilizing step~~ said (c) further comprises utilizing at least seven frame buffers.

5. (currently amended) The method for performing single frame reverse playback in a digital versatile disc (DVD) system, the method comprising:

- receiving a single signal indicating selection of a single frame reverse function;
- providing sufficient memory to store reconstructed frame data for a frame preceding a currently displayed frame; and
- displaying the frame.

6. (original) The method of Claim 5 further comprising determining whether another selection of the single frame reverse function has occurred.

7. (original) The method of Claim 6 further comprising reconstructing a next preceding frame when another selection has occurred.

8. (original) The method of Claim 5 wherein providing sufficient memory further comprises providing at least seven frame buffers.

9. (currently amended) A digital versatile disc (DVD) player system with single frame backwards playback capabilities, the system comprising:

- a decoding engine for receiving a signal indicating selection of a single frame reverse function and reconstructing frame data for a preceding frame of an original playback;

a plurality of frame buffers for storing frame data during the reconstructing; and

a display device for displaying the reconstructed frame.

10. (original) The DVD player system of Claim 9 wherein the decoding engine further determines whether another selection of the single frame reverse function has occurred.

11. (original) The DVD player system of Claim 10 wherein the decoding engine reconstructs a next preceding frame when another selection has occurred.

12. (original) The DVD player system of Claim 9 wherein the plurality of frame buffers further comprises at least seven frame buffers.

13. (currently amended) The DVD player system of Claim 9 ~~wherein the DVD player system further comprises comprising a personal computer~~ PC-based DVD player.

14. (original) The DVD player system of Claim 9 ~~wherein the DVD player system further comprises comprising~~ a game console-based DVD player.

15. (new) A method for performing single frame backwards playback in an optical storage and playback system, the method comprising:

(a) receiving a signal indicating selection of a single frame reverse function;

(b) reconstructing frame data for a preceding frame of an original playback to generate reconstructed frame data;

(c) utilizing memory sufficient to support said reconstructing; and

(d) displaying the reconstructed frame data of the preceding frame.

16. (new) The method of Claim 15 further comprising (e) determining whether another selection of the single frame reverse function has occurred.

17. (new) The method of Claim 16 further comprising repeating said (b), (c), and (d) for a next preceding frame when another selection has occurred.

18. (new) The method of Claim 15 wherein said (c) further comprises utilizing at least seven frame buffers.

19. (new) The method for performing single frame reverse playback in an optical storage and playback system, the method comprising:

receiving a signal indicating selection of a single frame reverse function;

providing sufficient memory to store reconstructed frame data for a frame preceding a currently displayed frame; and

displaying the frame.

20. (new) The method of Claim 19 further comprising determining whether another selection of the single frame reverse function has occurred.

21. (new) The method of Claim 20 further comprising reconstructing a next preceding frame when another selection has occurred.

22. (new) The method of Claim 19 wherein providing sufficient memory further comprises providing at least seven frame buffers.